

Exhibit 1

REPORT NO. 5PC00016BT
DATE: 10 June 1996

F-22 ENGINEERING/MANUFACTURING DEVELOPMENT PROGRAM

COST PERFORMANCE REPORT

MAY 1996 FLASH

CDRL A078
WBS 4220
DID DI-F-6000C/T

CONTRACT F33657-91-C-0006

DISTRIBUTION STATEMENT

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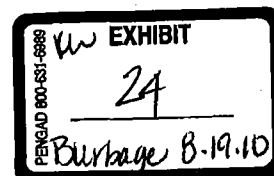
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Tactical Aircraft Systems

LOCKHEED-MARTIN
Aeronautical Systems

BOEING
Military Airplanes



**F-22 EMD CONTRACT F33657-91-C-0006
TEAM COST PERFORMANCE REPORT
REPORT PERIOD: MAY 1996 FLASH**

| <u>DISTRIBUTION:</u> | <u>DEPT.</u> | <u>MAIL ZONE/ CODE</u> | |
|----------------------|--------------|--------------------------------|-----|
| <u>BMA:</u> | | | |
| J. M. Fortier | L-9355 | 45-76 | (1) |
| R. E. Jenkins | L-8940 | 43-20 | |
| W. F. Russell, Jr. | L-8900 | 45-78 | |
| K. D. Anderson | L-9350 | 45-76 | |
| F. D. Statkus | L-8900 | 4L-03 | |
| <u>LMTAS:</u> | | | |
| R. I. Bacus | 013-3 | 42-43 | (2) |
| J. E. Gunderson | 013-3 | 42-43 | |
| C. A. Hardy | 101-4 | 42-80 | |
| R. D. Renn | 101-4 | 42-43 | |
| C. K. Wise | 101-4 | 42-30 | |
| <u>LMASC:</u> | | | |
| C. T. Burbage | 95-01 | 0960 | |
| E. Elmore | 73-01 | 0950 | |
| A. J. Gallo | 56-03 | 0954 | |
| D. L. Herring | 95-01 | 0961 | |
| J. S. Hersko | 81-8E | 0921 | (3) |
| R. C. LeCroy | 73-01 | 0958 | |
| G. D. Ooten | 81-8H | 0928 | |
| J. R. Reinker | 81-09 | 0963 | |
| C. M. Walters | 53-02 | 0938 | |
| R. P. Simpson | 33-01 | 0952 | |
| R. H. Tucker | BMA | 0951 | |
| A. W. Vogan | 62-53 | 0956 | |
| J. J. Wikert | BMA | 0934 | |

- (1) Will make other internal BMA distribution as appropriate
 (2) Will make other internal LMTAS distribution as appropriate
 (3) Will make other internal LMASC distribution as appropriate

LMASC F-22 PROGRAM
FINANCIAL SUPPORT
D/81-8A
Z/0921
(770) 793-0907

F-22 EMD
CONTRACT F33657-91-C-0006
CPR FLASH REPORT
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COMMENTS

- o This report incorporates Contract Modification P00241, Definitization of P00220 UCA, Air Vehicle Cost Savings Changes AIM-9M Deletion, ECP 0035-3, Part 1 at a price decrease of (\$1,317K), and P00250, Task Assignment #45, Weapons Bay Optimization Study, at no increase in price.
- o The variance at completion deteriorated in May by (\$67.0M) because of the addition of risk items to the program EAC. These risk items had been included in the March 1996 Funding Requirements Study and were approved for incorporation into the EAC at a TPO review on 14 May 1996. The risks are currently held in Undistributed Budget but will be baselined as part of the June 1996 EAC.
- o The unfavorable current period schedule variance of (\$25,623K) was driven primarily by a current period adjustment to Tooling Offload account budgets within the Forward Fuselage, (\$7,221K), Empennage, (\$2,935K), and Edges, (\$7,443K), IPTs. The purpose of the adjustment was to eliminate the favorable cumulative schedule variance caused by earned value distortions generated by the payment of invoices (and associated BCWP earnings) which did not accurately reflect Tooling Offload schedule performance.
- o The Weapons System A&I unfavorable current cost variance of (\$1,412K) results primarily from the allocation of Classified Computing Costs, (\$1,766K). Actuals for April & May were allocated in the current period.
- o The Forward Fuselage IPT reflects an unfavorable current cost variance of (\$1,653K), which results primarily from: (1) Current period correction to cumulative earned value in the Functional Test Material account, (\$537K); (2) Overruns in the Production Material, (\$265K), and Production Labor, (\$194K), accounts; and, (3) Performance as reported on the subcontractor LMSW CPR, (\$227K).
- o The Mid Fuselage IPT reflects an unfavorable current cost variance of (\$1,760K), which results primarily from: (1) Engineering additional support required to maintain the factory build schedule engineering design configuration, Block 2 redesign effort, increased Block 2 stress analysis tasks, and re-analysis of Block 1 critical structure for 664 FEM loads (\$651K); (2) Factory schedule compression, rework, QA report items, Task Deviation Authority items, and Block 2 Loads impacts on Block 1 aircraft, (\$486K), and (3) Overruns in the Production Material account, (\$328K).

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CONTRACT F33657-91-C-0006
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- o The Wing IPT reflects an unfavorable current schedule variance of (\$1,408K), which results primarily from: (1) Delayed qualification testing of the Leading Edge Actuators hardware at subcontractor Curtis Wright, (\$944K); and, (2) Invoice timing variances in the Outside Production account, (\$357K).
- o The Core Processing IPT reflects an unfavorable current cost variance of (\$1,957K), resulting primarily from: (1) Performance as reported on the Hughes subcontract CPR, (\$746K); and (2) Performance as reported on the Harris subcontract CPR, (\$1,298K).
- o The CNI IPT unfavorable current schedule variance of (\$1,046K) results primarily from performance as reported on the TRW subcontract CPR.
- o The Electronic Warfare IPT unfavorable current schedule variance of (\$1,011K) results primarily from performance as reported on the JVT subcontract CPR.
- o The Armament IPT unfavorable current schedule variance of (\$2,513K) results primarily from performance on the Curtis Wright subcontract, (\$2,446K), and is due to developmental problems with the PDU motor at subtier supplier Vickers, internal machine loading problems, and Main Bay/Side Bay design problems.
- o The cumulative cost variance on the EMD program prior to incorporation of the cost growth/CCP-0035 baseline report was (\$181.3M), as reported on the May 1995 CPR.
- o A more detailed analysis of the variances will accompany the final CPR report and will address these and other variances which are still under investigation.

| UNCLASSIFIED | | | | | | | | | | | | | |
|--|---------------------------------|--|---|------------------------------|---------------------------------|------------------|---------|--------------------------------|---------|--------------------------------|-----------------|----------|----------|
| Cost Performance Report - Work Breakdown Structure | | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS | | | QUANTITY: 9 | | SIGNATURE: <i>J. S. Hendon</i> | | PAGE 1 OF 3 | | | |
| FORMAT 28 - In Thousands | | | LOCATION: 86 S COBB DR MARIETTA, GA 30063 | | | SHARE RATIO | | F-22 BUS. MANAGER | | REPORT PERIOD: ME MAY 96 FLASH | | | |
| Variances in Parentheses are unfavorable | | | CONTRACT: TYPE: CRC NUMBER: F33657-91-C-0006 | | | DATE: | | | | | | | |
| CHANGE ORDER NUMBER P00250 | NEGOTIATED COST \$11,380,512 | EST. COST OF AUTH. UNPRICED WORK \$30,117 | TARGET PROFIT \$870,582 | TARGET PRICE \$12,251,094 | ESTIMATED PRICE \$12,282,416 | CONTRACT CEILING | | ESTIMATED CONTRACT CEILING | | | | | |
| CURRENT PERIOD | | | | | | | | | | | | | |
| BUDGETED COST | | ACTUAL | VARIANCE | | BUDGETED COST | | ACTUAL | VARIANCE | | AT COMPLETION | | | |
| BCWS | BCWP | COST | SCHEDULE | COST | BCWS | BCWP | COST | SCHEDULE | COST | BUDGET | LATEST ESTIMATE | VARIANCE | |
| Total F-22 Weapon System | 108997 | 84131 | 98686 | (24866) | (14555) | 4376165 | 4313292 | 4381703 | (62873) | (68411) | 7328498 | 7376241 | (47743) |
| Cost of Money | 1170 | 1149 | 1394 | (22) | (245) | 60069 | 59424 | 60291 | (645) | (867) | 117593 | 118802 | (1208) |
| G&A | 12105 | 11626 | 14127 | (479) | (2502) | 556277 | 548370 | 562534 | (7906) | (14164) | 1090488 | 1103381 | (12893) |
| Overhead/Other Burdens | 30225 | 29970 | 37610 | (256) | (7641) | 1395704 | 1373424 | 1413837 | (22280) | (40413) | 2801349 | 2827789 | (26440) |
| Undistributed Budget | | | | | | | | | | | 8705 | 79006 | (70301) |
| Subtotal | 152498 | 126875 | 151817 | (25623) | (24942) | 6388214 | 6294510 | 6418366 | (93703) | (123856) | 11346634 | 11505218 | (158584) |
| Management Reserve | | | | | | | | | | | | | |
| TOTAL | 152498 | 126875 | 151817 | (25623) | (24942) | 6388214 | 6294510 | 6418366 | (93703) | (123856) | 11346634 | 11505218 | (158584) |

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LMC-HOWARD-1980361

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|--|----------------|--------|----------------|---|---------|--------------------|---------|----------------|----------|----------|---------------|-----------------------------------|----------|
| Cost Performance Report - IPT Structure | | | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS | | | | | | | | PAGE 2 OF 3 | |
| FORMAT 2B - In Thousands (Unburdened) | | | | LOCATION: 86 S COBB DR MARIETTA, GA 30063 | | | | | | | | REPORT PERIOD: ME MAY 96 FLASH | |
| Variances in Parentheses are unfavorable | | | | RDYLE OR PROGRAM: F-22 PROGRAM | | | | SHARE RATIO | | | | | |
| | | | | CONTRACT: TYPE: CRC NUMBER: F33657-91-C-0006 | | | | | | | | | |
| | CURRENT PERIOD | | | | | CUMULATIVE TO DATE | | | | | AT COMPLETION | | |
| | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGET | LATEST ESTIMATE | VARIANCE |
| | BCMS | BCMP | | SCHEDULE | COST | BCMS | BCMP | | SCHEDULE | COST | | | |
| Total F-22 Weapon System | 108997 | 84131 | 98686 | (24866) | (14555) | 4376165 | 4313292 | 4381703 | (62873) | (68411) | 7328498 | 7376241 | (47743) |
| F-22 Weapon System A&I | 7746 | 7744 | 9155 | (1) | (1412) | 371012 | 370959 | 369941 | (52) | 1019 | 740836 | 745857 | (5021) |
| F-22 Air Vehicle | 97189 | 72268 | 84878 | (24920) | (12610) | 3746195 | 3684855 | 3760711 | (61340) | (75856) | 5686335 | 5721277 | (34943) |
| Air Vehicle A&I | 4778 | 5108 | 4638 | 330 | 469 | 327407 | 325595 | 323896 | (1813) | 1698 | 543137 | 543768 | (631) |
| Airframe | 46787 | 25753 | 32122 | (21035) | (6370) | 726699 | 706594 | 747735 | (20104) | (41142) | 1191871 | 1201236 | (9365) |
| Airframe A&I | 2117 | 2079 | 3056 | (38) | (978) | 86441 | 85176 | 91740 | (1266) | (6544) | 164912 | 170153 | (5242) |
| Forward Fuselage | 11468 | 3940 | 5593 | (7528) | (1653) | 103959 | 101531 | 111045 | (2428) | (9514) | 174698 | 174975 | (277) |
| Mid Fuselage | 5974 | 5889 | 7649 | (84) | (1760) | 200792 | 194988 | 202754 | (5804) | (7766) | 328042 | 329761 | (1719) |
| Aft Fuselage | 6039 | 5352 | 5869 | (687) | (517) | 157836 | 152894 | 162843 | (4941) | (9949) | 221629 | 221868 | (240) |
| Wing | 3997 | 2589 | 3033 | (1408) | (444) | 88191 | 85881 | 89773 | (2310) | (3892) | 139085 | 140355 | (1270) |
| Empennage | 5089 | 1816 | 2212 | (3273) | (396) | 35737 | 33905 | 36383 | (1832) | (2478) | 64704 | 65264 | (560) |
| Edges | 11902 | 3771 | 4347 | (8131) | (576) | 47807 | 46345 | 46495 | (1462) | (150) | 89607 | 89644 | (56) |
| Avionics Racks | 200 | 317 | 361 | 117 | (44) | 5934 | 5874 | 6702 | (60) | (828) | 9193 | 9193 | - |
| Final Assy & Chkout | 2149 | 2331 | 2092 | 182 | 239 | 30703 | 29557 | 29297 | (1446) | 260 | 80030 | 80055 | (25) |
| Avionics | 33842 | 31781 | 36175 | (2061) | (4394) | 2188364 | 2161669 | 2180595 | (26694) | (18925) | 3099648 | 3118365 | (18717) |
| Avionics A&I | 1719 | 1742 | 1607 | 23 | 135 | 77471 | 77339 | 74354 | (132) | 2985 | 205868 | 209389 | (3521) |
| Radar | 11199 | 11347 | 11409 | 148 | (62) | 433068 | 433385 | 437784 | 317 | (4399) | 709431 | 709431 | - |
| Core Processing | 4129 | 3872 | 5829 | (257) | (1957) | 475094 | 471526 | 476944 | (3568) | (5418) | 531168 | 531153 | 15 |
| Power Supplies | 749 | 341 | 1341 | (408) | (999) | 79045 | 77255 | 83010 | (1790) | (5755) | 88515 | 91945 | (3430) |
| MSDM | 162 | 154 | 293 | (8) | (139) | 6117 | 6071 | 5807 | (46) | 264 | 15280 | 15280 | - |
| TSM Software | 251 | 257 | 261 | 6 | (4) | 11571 | 11526 | 11366 | (45) | 161 | 25154 | 25154 | (1) |
| CNI Systems | 7652 | 6606 | 7473 | (1046) | (867) | 498638 | 490377 | 492316 | (8261) | (1939) | 657480 | 662196 | (4716) |
| Elec Warfare | 6608 | 5597 | 5727 | (1011) | (129) | 425324 | 417946 | 415687 | (7378) | 2259 | 639292 | 643295 | (4003) |
| Cntrl & Disp/IRS | 1052 | 1498 | 1856 | 446 | (358) | 159938 | 154123 | 161847 | (5815) | (7724) | 186108 | 188894 | (2786) |
| Stores Mgmt System | 321 | 367 | 379 | 47 | (12) | 22098 | 22123 | 21479 | 25 | 644 | 41352 | 41629 | (276) |
| Vehicle Mgmt System | 1333 | 1555 | 2143 | 222 | (589) | 145453 | 144972 | 147330 | (480) | (2358) | 199192 | 199338 | (146) |
| Armament | 3291 | 778 | 989 | (2513) | (211) | 45746 | 40270 | 43951 | (5476) | (3681) | 101396 | 101684 | (289) |
| Cost of Money | 1170 | 1149 | 1394 | (22) | (245) | 60069 | 59424 | 60291 | (645) | (867) | 117593 | 118802 | (1208) |
| G&A | 12105 | 11626 | 14127 | (479) | (2502) | 556277 | 548370 | 562534 | (7906) | (14164) | 1090488 | 1103381 | (12893) |
| Overhead/Other Burdens | 30225 | 29970 | 37610 | (256) | (7641) | 1395704 | 1373424 | 1413837 | (22280) | (40413) | 2801349 | 2827789 | (26440) |
| Undistributed Budget | - | - | - | - | - | - | - | - | - | - | 8705 | 79006 | (70301) |
| Subtotal | 152498 | 126875 | 151817 | (25623) | (24942) | 6388214 | 6294510 | 6418366 | (93703) | (123856) | 11346634 | 11505218 | (158584) |
| Management Reserve | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 152498 | 126875 | 151817 | (25623) | (24942) | 6388214 | 6294510 | 6418366 | (93703) | (123856) | 11346634 | 11505218 | (158584) |

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|--|----------------|-------|--|----------|---------|--------------------|---------|----------------|-----------------|---------|---------------|--------------------|----------|
| **** LMASC VERSION **** - IPT Structure | | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS | | | | | | PAGE 1 OF 2 | | | | |
| FORMAT 28 - In Thousands (Unburdened) | | | LOCATION: 86 S COBB DR | | | | | | REPORT PERIOD: | | | | |
| | | | MARIETTA, GA 30063 | | | | | | ME MAY 96 FLASH | | | | |
| | | | RDY&E OR PRODUCTION | | | SHARE RATIO | | | | | | | |
| Variances in Parentheses are unfavorable | | | CONTRACT: TYPE: CRC | | | | | | | | | | |
| | | | NUMBER: F33657-91-C-0006 | | | | | | | | | | |
| | CURRENT PERIOD | | | | | CUMULATIVE TO DATE | | | | | AT COMPLETION | | |
| | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGET | LATEST ESTIMATE | VARIANCE |
| | BCVS | BCMP | | SCHEDULE | COST | BCVS | BCMP | | SCHEDULE | COST | | | |
| Total F-22 Weapon System | 46386 | 28230 | 36101 | (18156) | (7871) | 1407105 | 1378263 | 1414051 | (28862) | (35808) | 2205769 | 2210091 | (4322) |
| F-22 Weapons System A&I | 2083 | 2081 | 3617 | (2) | (1536) | 108529 | 108488 | 111501 | (41) | (3013) | 183487 | 183487 | - |
| F-22 Air Vehicle | 42735 | 24636 | 30350 | (18099) | (5714) | 1209274 | 1181447 | 1215411 | (27827) | (33964) | 1786740 | 1786740 | (4123) |
| Air Vehicle A&I | 2909 | 3677 | 3326 | 768 | 351 | 189175 | 186981 | 187308 | (2194) | (327) | 322637 | 322637 | - |
| Airframe | 29752 | 10757 | 14296 | (18995) | (3539) | 224426 | 215683 | 232266 | (8743) | (16583) | 415442 | 416365 | (923) |
| Airframe A&I | 450 | 470 | 792 | 20 | (322) | 9781 | 9196 | 11031 | (585) | (1835) | 30625 | 30642 | (17) |
| Forward Fuselage | 11468 | 3940 | 5593 | (7528) | (1653) | 103942 | 101514 | 111028 | (2428) | (9514) | 174681 | 174958 | (277) |
| Mid Fuselage | 643 | 445 | 990 | (198) | (343) | 21545 | 19170 | 20989 | (2375) | (1819) | 47024 | 47024 | - |
| Aft Fuselage | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Wing | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Empennage | 5088 | 1815 | 2212 | (3273) | (397) | 35726 | 33894 | 36331 | (1832) | (2437) | 64644 | 65204 | (560) |
| Edges | 11902 | 3771 | 4347 | (8131) | (576) | 47497 | 46035 | 46185 | (1462) | (150) | 89273 | 89543 | (68) |
| Avionics Racks | 200 | 317 | 361 | 117 | (44) | 5934 | 5874 | 6702 | (60) | (828) | 9193 | 9193 | - |
| Final Assy & Chkout | 1763 | 1945 | 1586 | 182 | 359 | 15936 | 14790 | 14361 | (1146) | 429 | 51511 | 51511 | - |
| Avionics | 6549 | 6818 | 9440 | 269 | (2622) | 715841 | 705076 | 719187 | (10765) | (14111) | 834987 | 858187 | (3200) |
| Avionics A&I | 538 | 580 | 439 | 42 | 141 | 20499 | 20351 | 19737 | (148) | 614 | 53030 | 53030 | - |
| Radar | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Core Processing | 4120 | 3863 | 5824 | (257) | (1961) | 474752 | 471184 | 476627 | (3568) | (5443) | 530629 | 530629 | - |
| Power Supplies | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MSDN | 162 | 154 | 293 | (8) | (139) | 6117 | 6071 | 5807 | (46) | 264 | 15280 | 15280 | - |
| TSM Software | 12 | 17 | 12 | 5 | 5 | 403 | 399 | 399 | - | 4 | 900 | 900 | - |
| CNI Systems | 665 | 707 | 1016 | 42 | (309) | 54207 | 53020 | 54844 | (1187) | (1824) | 69127 | 69527 | (400) |
| Elec Warfare | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cntrl & Disp/IRS | 1052 | 1498 | 1856 | 446 | (358) | 159863 | 154048 | 161772 | (5815) | (7724) | 186021 | 186821 | (2800) |
| Stores Mgmt System | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vehicle Mgmt System | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Armament | 472 | 350 | 569 | (122) | (219) | 18271 | 15405 | 18861 | (2866) | (3456) | 47427 | 47427 | - |
| Cost of Money | 328 | 346 | 402 | 18 | (56) | 15709 | 15457 | 15158 | (252) | 299 | 32661 | 32681 | (20) |
| G&A | 3927 | 4171 | 5003 | 244 | (832) | 177168 | 174104 | 179196 | (3064) | (5092) | 387577 | 387799 | (222) |
| Overhead/Other Burdens | 9841 | 10412 | 11924 | 571 | (1512) | 436566 | 425411 | 438472 | (11155) | (13061) | 952648 | 953184 | (536) |
| Undistributed Budget | - | - | - | - | - | - | - | - | - | - | (3537) | 21530 | (25067) |
| Subtotal | 60483 | 43159 | 53430 | (17324) | (10271) | 2036548 | 1993215 | 2046878 | (43333) | (53663) | 3575118 | 3605285 | (30167) |
| Management Reserve | - | - | - | - | - | - | - | - | - | - | - | - | - |
| TOTAL | 60483 | 43159 | 53430 | (17324) | (10271) | 2036548 | 1993215 | 2046878 | (43333) | (53663) | 3575118 | 3605285 | (30167) |

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LMC-HOWARD-1980364

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| **** LMASC VERSION **** - IPT Structure | | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS | | | | | | PAGE 2 OF 2 | | | | |
|--|----------------|------|--|----------|-------|--------------------|-------|-------------|-----------------|-------|---------------|-----------------|----------|
| FORMAT 2B - In Thousands (Unburdened) | | | LOCATION: 86 S CROSS DR | | | | | | REPORT PERIOD: | | | | |
| | | | NOTICE OF PRODUCTION: F-22 PROGRAM | | | SHARE RATIO | | | ME MAY 96 FLASH | | | | |
| Variances in Parentheses are unfavorable | | | CONTRACT: TYPE: CRC | | | | | | | | | | |
| | | | NUMBER: F33657-91-C-0006 | | | | | | | | | | |
| | CURRENT PERIOD | | | | | CUMULATIVE TO DATE | | | | | AT COMPLETION | | |
| | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGET | LATEST ESTIMATE | VARIANCE |
| | BCMS | BCUP | | SCHEDULE | COST | BCMS | BCUP | | SCHEDULE | COST | | | |
| | | | | | | | | | | | | | |
| Utilities & Subsystems | 1291 | 1088 | 1132 | (203) | (44) | 45625 | 43513 | 43430 | (2112) | 83 | 90612 | 90612 | - |
| US& A&I | 44 | 46 | 51 | 2 | (5) | 2661 | 2666 | 2608 | 5 | 58 | 4807 | 4807 | - |
| Landing Gear | 666 | 580 | 580 | (86) | - | 17902 | 17284 | 17306 | (618) | (22) | 41662 | 41662 | - |
| Fuel | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Electrical | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Harness & Intercon | 14 | 9 | 16 | (5) | (7) | 790 | 785 | 807 | (5) | (22) | 1237 | 1237 | - |
| Aux Power System | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Fire Protection | - | - | - | - | - | - | - | - | - | - | - | - | - |
| IVSC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ECS | 567 | 453 | 485 | (114) | (32) | 24272 | 22778 | 22709 | (1494) | 69 | 42906 | 42906 | - |
| Hydraulics | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Flight Data Recorder | - | - | - | - | - | - | - | - | - | - | - | - | - |
| F-22 Training System | - | 1 | - | 1 | 1 | 1012 | 1013 | 1012 | 1 | 1 | 1012 | 1012 | - |
| Training A&I | - | 1 | - | 1 | 1 | 572 | 573 | 572 | 1 | 1 | 572 | 572 | - |
| Pilot Training | - | - | - | - | - | 146 | 146 | 146 | - | - | 146 | 146 | - |
| Maintenance Training | - | - | - | - | - | 144 | 144 | 144 | - | - | 144 | 144 | - |
| YHS/TSSC | - | - | - | - | - | 62 | 62 | 62 | - | - | 62 | 62 | - |
| BT | - | - | - | - | - | 81 | 81 | 81 | - | - | 81 | 81 | - |
| Interim Training | - | - | - | - | - | 7 | 7 | 7 | - | - | 7 | 7 | - |
| F-22 Support System | 850 | 904 | 922 | 54 | (18) | 58881 | 58315 | 57560 | (566) | 755 | 112350 | 112350 | - |
| Support System A&I | 107 | 94 | 115 | (13) | (21) | 8199 | 8188 | 8015 | (11) | 173 | 26034 | 26034 | - |
| Support Equipment | 118 | 118 | 131 | - | (13) | 4623 | 4623 | 4618 | - | 5 | 11365 | 11365 | - |
| Auto Test System | 21 | 21 | 5 | - | 16 | 23777 | 23705 | 23735 | (72) | (30) | 29085 | 29085 | - |
| Supply Support | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Operations Support | 565 | 633 | 623 | 68 | 10 | 19692 | 19214 | 18655 | (478) | 559 | 38549 | 38549 | - |
| Life Cycle SW Supt | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Support Data | 39 | 39 | 49 | - | (10) | 2591 | 2586 | 2538 | (5) | 48 | 7317 | 7317 | - |
| F-22 Systems Test | 718 | 607 | 1212 | (111) | (605) | 29408 | 28979 | 28566 | (429) | 413 | 126303 | 126503 | (200) |
| A/V Flight Test | 169 | 139 | 74 | (30) | 65 | 9212 | 9063 | 8455 | (149) | 608 | 34887 | 34887 | - |
| Oper Test & Eval | - | - | - | - | - | 3 | 3 | 3 | - | - | 1457 | 1457 | - |
| Instr & Data Syst | 524 | 453 | 1098 | (71) | (645) | 18438 | 18163 | 18344 | (275) | (181) | 56153 | 56353 | (200) |
| Systems Test A&I | 25 | 15 | 39 | (10) | (24) | 1755 | 1750 | 1764 | (5) | (14) | 33806 | 33806 | - |
| Management Challenge (BMA) | - | - | - | - | - | - | - | - | - | - | - | - | - |
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| **** LINTAS VERSION **** - IPT Structure | | UNCLASSIFIED | | | | PAGE 2 OF 2 | |
| FORMAT 2B - In Thousands (Unburdened) | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS. | | | | REPORT PERIOD: | |
| | | LOCATION: 86 S COBB DR | | | | ME MAY 96 FLASH | |
| | | NARIETTA, GA 30063 | | | | | |
| | | NOTEE ID: PRODUCTION | | | | | |
| | | PROGRAM: F-22 PROGRAM | | SHARE RATIO | | | |
| | | CONTRACT: TYPE: CRC | | | | | |
| Variances in Parentheses are unfavorable | | NUMBER: F33657-91-C-0006 | | | | | |

| | CURRENT PERIOD | | | | | CUMULATIVE TO DATE | | | | | AT COMPLETION | | |
|----------------------------|----------------|------|-------------|----------|--------|--------------------|--------|-------------|----------|--------|---------------|-----------------|----------|
| | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGET | LATEST ESTIMATE | VARIANCE |
| | BCVS | BCMP | | SCHEDULE | COST | BCVS | BCMP | | SCHEDULE | COST | | | |
| Utilities & Subsystems | 2609 | 2678 | 3810 | 69 | (1132) | 147813 | 145267 | 155021 | (2546) | (9754) | 263463 | 265940 | (2477) |
| US A&I | 228 | 334 | 554 | 106 | (220) | 19609 | 19499 | 20234 | (111) | (735) | 31163 | 31036 | 128 |
| Landing Gear | - | - | - | - | - | 324 | 324 | 324 | - | - | 694 | 688 | 6 |
| Fuel | 802 | 824 | 1294 | 22 | (470) | 31377 | 31501 | 35572 | 124 | (4072) | 56001 | 58456 | (2455) |
| Electrical | 578 | 588 | 1064 | 10 | (476) | 46992 | 45266 | 48600 | (1726) | (3334) | 83538 | 83391 | 147 |
| Harness & Intercon | 250 | 212 | 213 | (37) | (1) | 8191 | 8114 | 8793 | (76) | (679) | 19723 | 19451 | 271 |
| Aux Power System | - | - | - | - | - | 737 | 737 | 732 | - | 5 | 890 | 799 | 91 |
| Fire Protection | - | - | - | - | - | 22 | 22 | 29 | - | (7) | 11 | 10 | 1 |
| I/VPC | 501 | 457 | 477 | (44) | (19) | 22345 | 22105 | 22900 | (240) | (795) | 31443 | 32049 | (606) |
| ECS | - | - | 1 | - | (1) | 1062 | 1062 | 1067 | - | (6) | 1186 | 1070 | 116 |
| Hydraulics | 212 | 144 | 186 | (68) | (43) | 12649 | 12098 | 12278 | (551) | (180) | 29984 | 30093 | (109) |
| Flight Data Recorder | 38 | 118 | 21 | 80 | 97 | 4507 | 4340 | 4493 | 33 | 47 | 8832 | 8898 | (67) |
| F-22 Training System | 51 | 51 | 45 | - | 6 | 2695 | 2695 | 2646 | - | 49 | 11091 | 11017 | 74 |
| Training A&I | 10 | 10 | 9 | - | 1 | 833 | 833 | 819 | - | 15 | 2000 | 1970 | 29 |
| Pilot Training | - | - | - | - | - | 1103 | 1103 | 1101 | - | 1 | 1287 | 1112 | 175 |
| Maintenance Training | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - |
| TMS/TSSC | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ST | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Interim Training | 40 | 40 | 36 | - | 4 | 759 | 759 | 726 | - | 33 | 7803 | 7934 | (130) |
| F-22 Support System | 1047 | 1045 | 945 | (2) | 100 | 46021 | 45956 | 45130 | (65) | 827 | 159197 | 161300 | (2103) |
| Support System A&I | 170 | 172 | 129 | 2 | 43 | 9042 | 9039 | 8769 | (3) | 270 | 25822 | 26116 | (294) |
| Support Equipment | 140 | 142 | 216 | 2 | (74) | 5311 | 5312 | 5240 | - | 71 | 26404 | 27063 | (659) |
| Auto Test System | 8 | 8 | 5 | - | 3 | 1059 | 1059 | 1003 | - | 55 | 2262 | 2302 | (40) |
| Supply Support | 33 | 33 | 25 | - | 7 | 676 | 676 | 647 | - | 29 | 8554 | 8796 | (243) |
| Operations Support | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Life Cycle SW Supt | 12 | 12 | 16 | - | (4) | 794 | 794 | 799 | - | (5) | 3120 | 3136 | (16) |
| Support Data | 684 | 679 | 554 | (5) | 125 | 29138 | 29077 | 28671 | (61) | 406 | 93035 | 93887 | (852) |
| F-22 Systems Test | 460 | 410 | 504 | (51) | (95) | 11499 | 11312 | 10859 | (187) | 453 | 89413 | 91641 | (2229) |
| A/V Flight Test | 49 | 47 | 38 | (2) | 9 | 2214 | 2222 | 1920 | 8 | 302 | 43466 | 44332 | (866) |
| Oper Test & Eval | - | - | - | - | - | - | - | - | - | - | 1799 | 1992 | (193) |
| Instr & Data Syst | 354 | 329 | 450 | (25) | (121) | 6252 | 6136 | 6174 | (116) | (38) | 25356 | 26006 | (650) |
| Systems Test A&I | 57 | 33 | 16 | (23) | 18 | 3032 | 2954 | 2765 | (78) | 189 | 18792 | 19311 | (519) |
| Management Challenge (BMA) | - | - | - | - | - | - | - | - | - | - | - | - | - |
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|--|----------------|-------|----------------|---|--------|---------------|--------------------|----------------|----------|---------|---------|-----------------------------------|---------------|--|--|
| *** BWA VERSION *** - IPT Structure | | | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS | | | | | | | | PAGE 1 OF 2 | | | |
| FORMAT 28 - In Thousands (Unburdened) | | | | LOCATION: 86 S COMB DR HARRIETTA, GA 30063 | | | | | | | | REPORT PERIOD: ME MAY 96 FLASH | | | |
| | | | | RDTEE ID PROGRAM: F-22 PROGRAM | | | | SHARE RATIO | | | | | | | |
| Variances in Parentheses are unfavorable | | | | CONTRACT: TYPE: CRC NUMBER: F33657-91-C-0006 | | | | | | | | | | | |
| | CURRENT PERIOD | | | | | | CUMULATIVE TO DATE | | | | | | AT COMPLETION | | |
| | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGET | LATEST ESTIMATE | VARIANCE | | |
| | BCVS | BCUP | | SCHEDULE | COST | BCVS | BCUP | | SCHEDULE | COST | | | | | |
| Total F-22 Weapon System | 30614 | 27952 | 30940 | (2662) | (2988) | 1269863 | 1259228 | 1282328 | (10635) | (23101) | 2361129 | 2385646 | (24517) | | |
| F-22 Weapons System A&I | 2566 | 2566 | 2548 | - | 17 | 97449 | 97449 | 96283 | - | 1167 | 289185 | 293152 | (3967) | | |
| F-22 Air Vehicle | 27112 | 24286 | 27367 | (2825) | (3081) | 1062972 | 1052572 | 1080768 | (10400) | (28196) | 1669983 | 1687209 | (17227) | | |
| Air Vehicle A&I | 1146 | 595 | 423 | (551) | 172 | 81536 | 81458 | 81087 | (78) | 371 | 105437 | 105976 | (539) | | |
| Airframe | 11574 | 9490 | 11109 | (2085) | (1620) | 319133 | 311246 | 329805 | (7887) | (18540) | 488227 | 495034 | (6807) | | |
| Airframe A&I | 1607 | 1549 | 2207 | (58) | (659) | 74189 | 73509 | 78245 | (681) | (4736) | 129752 | 135004 | (5252) | | |
| Forward Fuselage | - | - | - | - | - | 17 | 17 | 17 | - | - | 17 | 17 | - | | |
| Mid Fuselage | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Aft Fuselage | 5970 | 5352 | 5869 | (618) | (517) | 156735 | 151839 | 161770 | (4896) | (9931) | 219372 | 219657 | (285) | | |
| Wing | 3997 | 2589 | 3033 | (1408) | (444) | 88191 | 85881 | 89773 | (2310) | (3892) | 139085 | 140355 | (1270) | | |
| Empennage | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Edges | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Avionics Racks | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Final Assy & Checkout | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Avionics | 13282 | 13005 | 14058 | (277) | (1053) | 573890 | 572422 | 580391 | (1467) | (7968) | 959306 | 965895 | (6589) | | |
| Avionics A&I | 1094 | 1076 | 1059 | (18) | 17 | 50608 | 50659 | 48630 | 31 | 2029 | 137107 | 140265 | (3158) | | |
| Radar | 11199 | 11347 | 11409 | 148 | (62) | 433068 | 433385 | 437784 | 317 | (4399) | 709431 | 709431 | - | | |
| Core Processing | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Power Supplies | 749 | 341 | 1341 | (408) | (999) | 79045 | 77255 | 83010 | (1790) | (5755) | 88515 | 91945 | (3430) | | |
| MSDN | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| TSM Software | 239 | 240 | 249 | 1 | (9) | 11168 | 11123 | 10967 | (45) | 157 | 24254 | 24254 | (1) | | |
| CNI Systems | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Elec Warfare | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Cntrl & Disp/IRS | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Stores Mgmt System | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Vehicle Mgmt System | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Armament | - | - | - | - | - | 28 | 28 | 28 | - | - | 28 | 28 | - | | |
| Cost of Money | 684 | 645 | 835 | (40) | (190) | 35793 | 35408 | 36623 | (393) | (1223) | 71046 | 72328 | (1281) | | |
| G&A | 3459 | 3271 | 4393 | (188) | (1122) | 152312 | 150563 | 158739 | (1748) | (8176) | 315997 | 324656 | (8659) | | |
| Overhead/Other Burdens | 11711 | 11011 | 15417 | (700) | (4406) | 577418 | 570284 | 591924 | (7134) | (21640) | 1110852 | 1124636 | (13784) | | |
| Undistributed Budget | - | - | - | - | - | - | - | - | - | - | (3) | 12297 | (12300) | | |
| Subtotal | 46469 | 42879 | 51585 | (3590) | (8706) | 2035385 | 2015475 | 2069615 | (19910) | (54140) | 3859022 | 3919562 | (60540) | | |
| Management Reserve | | | | | | | | | | | | | | | |
| TOTAL | 46469 | 42879 | 51585 | (3590) | (8706) | 2035385 | 2015475 | 2069615 | (19910) | (54140) | 3859022 | 3919562 | (60540) | | |

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| **** BMA VERSION **** - IPT Structure | | | CONTRACTOR: LOCKHEED MARTIN AERONAUTICAL SYS | | | | | | PAGE 2 OF 2 | | | | |
|--|----------------|------|---|----------|-------|--------------------|-------|----------------|-----------------------------------|--------|---------------|--------------------|----------|
| FORMAT 28 - In Thousands (Unburdened) | | | LOCATION: 86 S COMB DR HARTLETTA, GA 30063 | | | | | | REPORT PERIOD: ME MAY 96 FLASH | | | | |
| | | | RD&E ID PROGRAM: F-22 PROGRAM | | | SHARE RATIO | | | | | | | |
| Variances in Parentheses are unfavorable | | | CONTRACT: TYPE: CRC NUMBER: F33657-91-C-0006 | | | | | | | | | | |
| | CURRENT PERIOD | | | | | CUMULATIVE TO DATE | | | | | AT COMPLETION | | |
| | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGETED COST | | ACTUAL COST | VARIANCE | | BUDGET | LATEST ESTIMATE | VARIANCE |
| | BCVS | BCMP | | SCHEDULE | COST | BCVS | BCMP | | SCHEDULE | COST | | | |
| | | | | | | | | | | | | | |
| Utilities & Subsystem | 1110 | 1197 | 1777 | 87 | (580) | 88385 | 87418 | 89457 | (967) | (2038) | 116985 | 120276 | (3292) |
| US& A&I | 143 | 143 | 126 | - | 17 | 9056 | 9056 | 8584 | - | 473 | 12583 | 13176 | (593) |
| Landing Gear | - | - | - | - | - | - | 145 | 144 | - | 1 | 146 | 145 | 2 |
| Fuel | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Electrical | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Harness & Intercon | 116 | 116 | 114 | - | 2 | 2241 | 2179 | 2224 | (62) | (45) | 6651 | 7042 | (392) |
| Aux Power System | 672 | 894 | 1305 | 222 | (411) | 68546 | 67801 | 70258 | (745) | (2457) | 85510 | 87817 | (2307) |
| Fire Protection | 55 | (75) | 90 | (131) | (166) | 6170 | 6033 | 5987 | (137) | 46 | 8519 | 8518 | 1 |
| IVSC | 79 | 75 | 97 | (4) | (21) | 2129 | 2106 | 2161 | (24) | (56) | 3478 | 3478 | - |
| ECS | - | - | - | - | - | 33 | 34 | 34 | 1 | - | 33 | 34 | (1) |
| Hydraulics | 44 | 44 | 45 | - | (1) | 65 | 65 | 66 | - | (1) | 65 | 66 | (1) |
| Flight Data Recorder | - | - | - | - | - | - | - | - | - | - | - | - | - |
| F-22 Training System | 290 | 290 | 220 | - | 70 | 21787 | 21787 | 20931 | - | 856 | 189775 | 192165 | (2390) |
| Training A&I | 190 | 190 | 127 | - | 63 | 18364 | 18364 | 17791 | - | 573 | 30890 | 33296 | (2406) |
| Pilot Training | 21 | 21 | 28 | - | (7) | 2669 | 2669 | 2590 | - | 79 | 59981 | 59975 | 6 |
| Maintenance Training | 27 | 27 | 29 | - | (2) | 272 | 272 | 205 | - | 67 | 44325 | 44319 | 6 |
| TMS/TSSC | - | - | - | - | - | 1 | 1 | 1 | - | - | 10996 | 10996 | - |
| IT | 35 | 35 | 22 | - | 13 | 219 | 219 | 105 | - | 114 | 41981 | 41978 | 4 |
| Interim Training | 18 | 18 | 14 | - | 4 | 262 | 262 | 239 | - | 23 | 1602 | 1602 | - |
| F-22 Support System | 183 | 172 | 137 | (11) | 35 | 20099 | 20038 | 19241 | (61) | 797 | 36351 | 36556 | (205) |
| Support System A&I | 69 | 69 | 64 | - | 5 | 5508 | 5505 | 5165 | (3) | 340 | 9838 | 9972 | (133) |
| Support Equipment | 21 | 21 | 13 | - | 8 | 2149 | 2102 | 2016 | (47) | 85 | 3710 | 3792 | (82) |
| Auto Test System | 24 | 24 | 8 | - | 16 | 10000 | 10000 | 9864 | - | 135 | 11313 | 11356 | (43) |
| Supply Support | 12 | 2 | 6 | (10) | (5) | 388 | 378 | 330 | (10) | 48 | 1618 | 1618 | 1 |
| Operations Support | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Life Cycle SW Supt | 4 | 4 | 3 | - | 1 | 215 | 215 | 202 | - | 13 | 691 | 691 | - |
| Support Data | 52 | 52 | 41 | - | 11 | 1840 | 1840 | 1664 | - | 175 | 9180 | 9128 | 52 |
| F-22 Systems Test | 464 | 638 | 669 | 175 | (30) | 67555 | 67381 | 65106 | (174) | 2275 | 175835 | 176564 | (728) |
| A/V Flight Test | 106 | 106 | 53 | - | 53 | 3606 | 3606 | 3424 | - | 182 | 33043 | 33039 | 4 |
| Oper Test & Eval | - | - | - | - | - | - | 4 | 5 | - | - | 2697 | 2697 | - |
| Instr & Data Syst | 258 | 459 | 488 | 202 | (29) | 56636 | 56496 | 55089 | (141) | 1406 | 86166 | 86197 | (31) |
| Systems Test A&I | 100 | 73 | 127 | (27) | (54) | 7308 | 7274 | 6589 | (34) | 686 | 53930 | 54631 | (701) |
| Management Challenge (BMA) | - | - | - | - | - | - | - | - | - | - | - | - | - |
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